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*Stated Meeting, February 2.*

Present, thirteen members.

Dr. FRANKLIN BACHE, Vice-President, in the Chair.

Letters were received and read:—

From the Hon. George P. Marsh, dated House of Representatives, Washington, 22d January, 1849, acknowledging the receipt of notice of his election as a member of this Society: and,—

From the Geological Society of London, dated Somerset House, 2d November, 1848, acknowledging the receipt of Vol. V. No. 40, of the Proceedings of this Society.

The following donations were announced:—

FOR THE LIBRARY.

*Annuaire Magnétique et Météorologique du Corps des Ingénieurs des Mines: ou Recueil des Observations Météorologiques et Magnétiques, faites dans l'étendue de l'Empire de Russie. Par A. T. Kupffer, Directeur des Observatoires Magnétiques des Mines, &c. Année 1845. Part 1 and 2. 2 Vols. 4to. St. Petersburg, 1848. From the Author, Prof. Kupffer.*

*Résumés des Observations Météorologiques faites dans l'étendue de l'Empire de Russie, et déposées aux Archives Météorologiques de l'Académie des Sciences: publiés sous les auspices et aux frais de l'Académie des Sciences. Par A. T. Kupffer, Membre de l'Académie. 1er Cahier. St. Petersburg, 1846. 4to.—From the same.*

*Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich, in the Year 1846; under the direction of George Biddell Airy, Esq., M. A., Astronomer Royal. Published by order of the Board of Admiralty, in obedience to Her Majesty's Command. London, 1848. 4to.—From the Royal Society of London.*

*Astronomical Observations made at the Royal Observatory, Greenwich, in the Year 1846; under the direction of George Biddell Airy, Esq., M. A., Astronomer Royal. Published by order of the Board of Admiralty, in obedience to Her Majesty's Command. London, 1848. 4to.—From the same.*

The British Almanac of the Society for the Diffusion of Useful Knowledge, for the Year of our Lord, 1849. London. 8vo.  
*From Petty Vaughan, Esq.*

Quarterly Journal of the Geological Society. No. 16. November 1, 1848. London. 8vo.—*From the Geological Society of London.*

Monthly Notices of the Royal Astronomical Society. Vol. VIII. No. 9. Supplement. London. 8vo.—*From the Royal Astronomical Society.*

The Annals and Magazine of Natural History, including Zoology, Botany, and Geology. Second Series. Vol. II. Nos. 11 and 12. November and December, 1848. London. 8vo.—*From Sir William Jardine, Bart.*

A Stratigraphical Account of the Section from Atherfield to Rockenend, on the South-west Coast of the Isle of Wight. By William Henry Fitton, M.D., F.R.S., &c. London, 1847. 8vo.—*From the Author.*

Smithsonian Contributions to Knowledge. Vol. I. Ancient Monuments of the Mississippi Valley; comprising the results of original extensive Surveys and Explorations. By E. G. Squier, A.M. and E. H. Davis, M.D. Washington, 1848. 4to.—*From the Smithsonian Institution.*

Journal of the Franklin Institute. Third Series. Vol. XVII. No. 1. January, 1849. Philadelphia. 8vo.—*From the Institute.*

Map of the Battle Ground of Cerro Gordo, from Surveys made by Major Turnbull and Capt. McClellan, of the Topographical Engineers.—*From Hon. Joseph R. Ingersoll.*

The Pennsylvania Journal of Prison Discipline and Philanthropy. Published under the direction of the "Philadelphia Society for Alleviating the Miseries of Public Prisons," instituted in 1787. Vol. IV. No. 1. January, 1849. Philadelphia. 8vo.—*From the Prison Society.*

Letter of the Secretary of the Treasury, communicating a Report by the Superintendent of the Coast Survey, on an application of the Galvanic Circuit to an Astronomical Clock and Telegraph Register, in determining local differences of Longitude, and in astronomical observations generally. Washington, January, 1849. 8vo.—*From Sears C. Walker, Esq.*

Fifteenth Annual Report of the Superintendent of Common Schools of Pennsylvania, for the School Year ending June 1, 1848. By Townsend Haines, Superintendent. Harrisburg, 1849. 8vo.—*From Thomas C. Steel, Esq., H. R.*

Mr. Justice stated, that upon recently examining the object glass of the telescope at the Friends' School in Cherry street, he found it much impaired by an apparent oxidation of the surface, which was, however, easily removed by wiping it with sheep-skin; and he believed, that by early attention in this way, many valuable glasses might be kept in order by a timely removal of the arborescent substance on the surface.

Further observations on the subject of the changes of the surface of glass were made by Mr. M'Culloh, Dr. F. Bache, Dr. Elwyn, and Judge Kane.

Mr. Richards gave an account of a singular *lusus naturæ*, in the form of a calf having two heads, four distinct eyes, two mouths, each capable of receiving sustenance, and with but two ears. This monster was produced by a cow in New Jersey, about 35 miles from this city.

Mr. M'Culloh mentioned a series of experiments which he has been conducting under the superintendence of Prof. A. D. Bache for the U. S. Government, in reference to a proper collection of the revenue on distilled spirits, of which the results will shortly be presented to the Secretary of the Treasury.

A letter from Lieut. J. M. Gilliss was read, enclosing a letter from Dr. G. A. Jahn, of Leipsic, acknowledging the receipt of notice of his election as a member of this Society; and a communication in Latin from Dr. Jahn, which, on motion of Judge Kane, was referred to a Committee, consisting of Prof. S. Alexander, Mr. James, and Prof. Kendall.

Pending nominations, Nos. 226, 227, and 228, were read.

Judge Kane referred to the report and resolution presented at the last meeting, in relation to the letter of the Superintendent of the Coast Survey, and called the attention of the Society to the resolution, stating that the views of the Society, as therein expressed, seemed not to have been correctly apprehended at Washington, and suggesting that a further expression on the part of this Society might be expedient and proper: he therefore offered the following resolution, which was agreed to:—

*Resolved*, That the Society do approve and adopt the deduction set forth in the report made at the last meeting, by the Committee to

which was referred a letter from the Superintendent of the U. S. Coast Survey, to wit:

1. That the survey of the coast is a work, which, from its importance to our citizens, recommends itself in the strongest manner to the protection of the government.

2. That the benefits, both of a scientific and practical character, which have already been derived, and are constantly resulting from it, are such as to repay abundantly the labour and expense which have been and may hereafter be devoted to it.

3. That it has heretofore been conducted accurately, efficiently, and economically, and that there is every reason to believe that it will best thrive by being left with its present organization.

4. And that, as well from the magnitude of the undertaking, as from the skill and energy with which it has been conducted, it will prove honourable to those who first conceived it, and to those who have been engaged in its prosecution.

### *Stated Meeting, February 16.*

Present, eleven members.

Dr. PATTERSON, President, in the Chair.

Letters were received and read:—

From Prof. E. N. Horsford, dated Cambridge, Feb. 2, 1849, acknowledging the receipt of notice of his election as a member of this Society: and—

From the Franklin Institute, dated Philadelphia, 18th January, 1849, acknowledging the receipt of Vol V. No. 41, of the Proceedings of this Society.

The following donations were announced:—

#### FOR THE LIBRARY.

Monograph of the Fossil Squalidæ of the United States. By Robert W. Gibbs, M.D. of Columbia, S. C. No. 2. Reprinted from the Journal of the Academy of Natural Sciences of Philadelphia, January, 1849. 4to.—*From the Author.*

The Medical News and Library. Vol. VII. No. 74. February, 1849. 8vo.—*From Lea & Blanchard.*